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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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OCT 09 2002

Application Number	10/057,552
Filing Date	January 25, 2002
First Named Inventor	MAYO, Stephen L. et al.
Group Art Unit	1645
Examiner Name	not yet assigned
Attorney Docket Number	A-65353-9/RFT/RMS/RMK

1 of 5

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
[Signature]	A1	4,939,666		Hardman, K.D.	07/03/1990	
	A2	5,241,470		Lee et al.	08/31/1993	
	A3	5,527,681		Holmes	06/18/1996	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
[Signature]	B1	WO	95/22625	A1	AFFYMAX TECHNOLOGIES N.V.	08/24/1995		
	B2	WO	98/32845	A1	BIOINVENT INTERNATIONAL AB	07/30/1998		
	B3	WO	00/23564	A2	XENCOR, INC.	04/27/2000		
	B4	WO	00/68396	A2	XENCOR, INC.	11/16/2000		
	B5	WO	00/68396	A3	XENCOR, INC.	11/16/2000		
	B6	WO	01/59066	A2	XENCOR, INC.	08/16/2001		
	B7	WO	01/59066	A3	XENCOR, INC.	08/16/2001		

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[Signature]	C1	Brenner and Berry, A., et al., "A quantitative methodology for the de novo design of proteins", Protein Sci. 3:1871-1882 (Oct. 1994).	
	C2	Borman, "Proteins to Order," Chemical and Engineering Newsletter (C&EN) Oct. 6, 1997, 9-10 (1997).	
	C3	Bowie, J.U., et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science vol.247:1306-1310 (Mar. 1990).	
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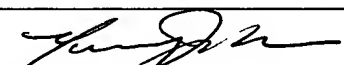
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/057,552	
		Filing Date	January 25, 2002	
		First Named Inventor	MAYO, Stephen L. et al.	
		Group Art Unit	1645	
		Examiner Name	not yet assigned	
2	of	5	Attorney Docket Number	A-65353-9/RFT/RMS/RMK

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	C7	Cornell et al., "A Second Generation Force Field for the Simulation of Proteins, Nucleic Acids, and Organic Molecules," J. Am. Chem. Soc., 117:5179-5197 (1995).	
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	C10	Dahiyat, B.I., et al., "Proteins from Scratch", press digest email by Science (Sep. 26, 1997).	
	C11	Dahiyat et al., "Protein Design Automation," Meeting Abstract; Protein Science vol. 4, Suppl. 2, 83 (1995).	
	C12	Dahiyat et al., "Protein design Automation," Poster Sessions, Protein Science vol.5, Suppl. 1, 22-23 (1996).	
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	C16	Dahiyat, B.I., et al., "First fully automatic design of a protein achieved by Caltech scientists", new press release (Oct. 1997).	
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	C23	Desmet et al., "Theoretical and Algorithmical Optimization of the Dead-End Elimination Theorem," Proceedings of the Pacific Symposium on Biocomputing '97, 122-133 (1997).	
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<i>Y</i>	C38	Kono et al., "Energy Minimization Method Using Automata Network for Sequence and Side-Chain Conformation Prediction from Given Backbone Geometry," Proteins: Structure, Function, and Genetics, 19:244-255 (1994).	
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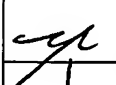
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	C55	Regan, L., "Helix is a helix is a helix?", Proc. Natl. Acad. Sci. USA vol.94:2796-2797 (Apr. 1997).	
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	C57	Stickle et al., "Hydrogen Bonding in Globular Proteins," (1992) Journal of Molecular Biology, vol.226, pp. 1143-1159.	
	C58	Sun, S., et al., "Designing amino acid sequences to fold with good hydrophobic cores", Protein Eng. vol.8(12):1205-1213 (1995).	
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	C60	van Gunsteren et al., "Prediction of the Activity and Stability Effects of Site-directed Mutagenesis on a Protein Core," J. Mol. Biol., 227:389-395 (1992).	
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